

CLAIMS:

1. A stamp (10, 20) for use in a lithographic process, which stamp (10, 20) comprises a stamp body (1) with a first (11) and a second, opposed side (12), with a structured printing face (2) at the first side (11) and a reservoir (3) for a liquid at the second side (12), which stamp body (1) is permeable to the liquid, characterized in that a carrier body (4) is present between the stamp body (1) and the reservoir (3), which carrier body (4) is permeable to the liquid present in the reservoir (3), and liquid is transported from the reservoir (3) to the printing face (2) during use.

2. A stamp (10, 20) as claimed in claim 1, characterized in that the carrier body (4) has a first (41) and a second, opposed side (42), with the stamp body (1) at the first side (41) and the reservoir (3) at the second side (42), in that the carrier body (4) comprises channels (5, 51), and in that at least a proportion of the channels (5, 51) extends from the first (41) to the second side (42) of the carrier body (4).

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3. A stamp (10, 20) as claimed in claim 2, characterized in that the first (11) and the second side (12) of the stamp body (1) lie at a distance (13) from one another, and the channels (5, 51) at the first side (41) of the carrier body (4) each have a diameter which is smaller than said distance (13) between the first (11) and the second side (12) of the stamp body (1).

4. A stamp (10, 20) as claimed in claim 1, characterized in that the carrier body (4) comprises a porous material.

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5. A stamp (10, 20) as claimed in any one of the preceding claims, characterized in that the reservoir (3) comprises a porous material.

6. A stamp (20) as claimed in any one of the preceding claims, characterized in that the stamp (20) is cylindrical in shape, with the printing face (2) forming the outermost cylinder shell.

5 7. A method of manufacturing an electronic component, which method comprises the patterning of a surface of a substrate by means of a stamp (10, 20), which stamp (10, 20) is provided with a structured printing face (2) for use in a lithographic process and which stamp (10, 20) is brought into contact with the substrate such that a liquid present at the printing face (2) is transferred to the surface of the substrate, characterized in that the stamp (10, 20) as claimed in any one of the preceding claims is used therein.

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8. A method as claimed in claim 7, characterized in that

- the stamp (20) is cylindrical in shape, and
- the stamp (20) is rotated when being applied to the substrate such that the entire printing face (2) of the stamp (20) is rolled over the substrate.

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9. An apparatus for providing at least one patterned layer on a substrate, which apparatus is provided with a stamp (10, 20) as claimed in any one of the claims 1 to 6.

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